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(54) Title: POLYMERIC ALKOXYAMINES PREPARED BY ATOM TRANSFER RADICAL ADDITION (ATRA)

(57) **Abstract:** The instant invention pertains to polymeric alkoxyamines, which are prepared by atom transfer radical addition polymerization (ATRA). Further aspects of the invention are a process for their preparation and their use as light stabilizers, flame retardants and polymerization regulators/initiators in controlled radical polymerization processes. Yet another aspect of the invention are novel monomeric intermediate alkoxyamines, which are also useful as polymerization regulators/initiators.

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